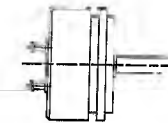
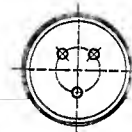


CUSTOMER: RS ELECTRONICS				SALES ORDER			
DOCUMENT: ----- REV. --- E.N. --- REV. ---				NUMBER	DATE	QTY.	
TO PARTS LIST 2157-0000 (157-21A) REV. LATEST				64184*4	8-24-98	160	
MOUNT SERVO WINDING C.P. SECTIONS 1				64647*1	9-11-98	250	
ADD AND DELETE AS FOLLOWS:				64858*1	9-28-98	120	
				64890*2	10-6-98	100	
				65532*2.3.4	10-22-98	450	
TITLE DELETE ADD PART							
PART NUMBER QTY. PART NUMBER QTY. ORIGIN							
ELEMENT	A						
SPECTROL MOD. #	-102	-----	--	920-03-01ZJA	1	--	
	-202	-----	--	920-03-02ZJA	1	--	
	-502	-----	--	920-03-03ZJA	1	--	
	-103	-----	--	920-02-04ZJA	1	--	
	-203	-----	--	920-02-05ZJA	1	--	
	-503	-----	--	920-02-06ZJA	1	--	
ASSEMBLE TO PRODUCTION INSTRUCTIONS 3157-0000							
REV LATEST REVISE AND OMIT AS FOLLOWS:							
DRILLING INSTRUCTIONS							
SECTION HOUSING NUMBER DRILL PER 561-04 AT SET-UP NUMBERS SHOWN							
ELEMENT INFORMATION							
SECTION	STANDARO RESISTANCE OR PART NUMBER	RES. TOL.	LIN. REQ'O.	CODE	WIRE	CORE	CONTACT BASE HEIGHT CONTACT RAD.
1	A B						
B SWAGE TERMINALS TO LID PER 561-0080 (ELEMENT/TERMINAL ASSY).							
SECTION	BRIDGING INSTRUCTIONS WIDTH MATERIAL	INSERTION INSTRUCTIONS					
		STD					
		FINAL ASSEMBLY INSTRUCTIONS					
TAPPING INSTRUCTIONS		LUBRICANTS: 502-7497 (ELEMENT TRACK SURF)					
		BRUSH AND CONTACT FORCE: STD					
		END PLAY SHIMMING: STD					
		SECTION PHASING: -----					
SHAFT ASSEMBLY INSTRUCTIONS		MARKING: 1.0					
PRESS DIMENSION: .691 ±.002							

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For Reference Only

FORM 40ec

1157-9002		02		REVISIONS					
E.C.O.	SYM	DESCRIPTION			DATE	DRAWN	CHECKED	APPROVED	
2554	D	1. '925-02-01ZJA' THRU -06ZJA' WAS 920-02-01ZJA THRU -06ZJA' OF PARTS LIST.			4-28-98	J.B.	S. DUH	KMUMPER	
2647	E	1. PRESS DIM. WAS '.685±.002'.			7-1-98	J.B.	S. DUH	KMUMPER	
4893	F	1. '920-03-01ZJA' THRU -03ZJA' WAS 925-02-01ZJA THRU -03ZJA' OF PARTS LIST. 2. RVSO FLAT PATTERN: A00E0 'MEX', 'VISHAY SPECTROL' WAS 'SPECTROL' LOGO, MOO WAS 01			11-1-05	D.F.S.			
TABLE 1									
SPECTROL P/N		R.S. P/N		RESISTANCE OHMS (+19% -20%)					
				MIN.	MAX.	NOM.			
157-9002-102		173-552		800	1190	1K			
157-9002-202		173-568		1.6K	2380	2K			
157-9002-502		173-574		4K	5950	5K			
157-9002-103		173-580		8K	11.9K	10K			
157-9002-203		173-596		16K	23.8K	20K			
157-9002-503		173--		40K	59.5K	50K			
PART NO. PER TABLE 1 MOD NO.									
VISHAY SPECTROL 157-9002-XXX 02									
RES XX ±20% MEX									
LIN ±0.5% XXXX									
(REAR)									
FLAT PATTERN									
DATE CODE (ES-2140)									
ELECTRICAL REQUIREMENTS									
FUNCTION	DEF.	CONF.	LIN.	RES'L N.	ELECT. ROT.	RES. MIN.	RES. MAX.	RES. TOL.	
LINEAR	IND.	----	±0.5%	NO REQD	340°±4°		PER TABLE 1		
								RES. NOM. SECT.	
								1	
MECHANICAL REQUIREMENTS									
RUNOUTS (T.I.R. MAX.)			SHAFT	FRONT	REAR	MOUNT: SERVO			
PILOT DIA: STD			RADIAL PLAY: STD	EXTENSION	.500 ±.031	BEARING: BALL			
LATERAL: STD			SLOT	----	----	TORQUE-STARTING: STD			
SHAFT: STD			AT	F.M.S.	FLAT	TORQUE-RUNNING: STD			
END PLAY: STD			ROTATION	360° CONTINUOUS	STOP FORCE: ---				
DRAWN P. DARLING		DATE 1-31-92		SPECIFICATIONS PARTS LIST AND PRODUCTIONS INSTRUCTIONS PRECISION POTENTIOMETER SPEC MODEL 157-9002					
CHECKED		DATE							
APPROVED K. MUMPER		DATE 2-4-92							
APPROVED		DATE							
SCALE: NONE				/dwgs/rel/st/157 9002/r/157-9002.f				SHEET 1 OF 1	



SPECTROL ELECTRONICS CORPORATION
ONTARIO, CALIFORNIA 91761

1157-9002